

## **ABSTRACT OF THE DISCLOSURE**

The present invention relates to the use of beaconing or “hello” messages in wireless multihop or ad hoc communication networks. In the method according to the present invention beacon messages (HELLO messages) are transmitted between a plurality of radio nodes (205, 215) in an ad hoc or multihop network. The rate of which the radio nodes transmit their beacons is based on an estimate of the network dynamics. Also the transmit power of the beacons are preferably based on an estimate of the network dynamics. The radio nodes bases their estimate of the network dynamics on beacons received from neighboring radio nodes.